ABSTRACT OF DISCLOSURE

A drive apparatus of an ink jet printer using a single motor in which convey failure does not occur by preventing power from being transferred to the convey roller when paper is fed by the feed roller. In an ink jet printer where a sheet of paper stacked in a paper feed cassette is picked up by a pickup roller, conveyed by a convey roller and a pinch roller, and then printed by a printer head while being line-fed by the feed roller, the drive apparatus includes a first gear train disposed on a feed roller shaft with the feed roller assembled to swing within a predetermined angle on the feed roller shaft in a feed roller shaft rotation direction, a second gear train disposed on a frame of the ink jet printer to be in contact with the first gear train, and a third gear train with a front end gear connected with the rear end gear of the second gear train and a rear end gear coaxially disposed on a convey roller shaft with the convey roller assembled . The third gear train swings within a predetermined angle on a front end gear shaft with the front end gear assembled in a feed roller rotation direction . A control unit controls the first gear train and the second gear train to separate from each other by the entrance of the paper into the feed roller so that the driving power is blocked to the convey roller.